

Title (en)
Method for the production of a refractory material based of magnesia or magnesia spinel and a refractory material based of magnesia or magnesia spinel

Title (de)
Verfahren zur Herstellung eines feuerfesten Werkstoffes auf Basis von Magnesia oder Magnesia-Spinell sowie ein feuerfester Werkstoff auf Basis von Magnesia oder Magnesia-Spinell

Title (fr)
Procédé de fabrication d'un matériau réfractaire à base de magnésie ou de magnésie-spinelle ainsi qu'un matériau réfractaire à base de magnésie ou de magnésie-spinelle

Publication
EP 2730551 B1 20150408 (DE)

Application
EP 12192453 A 20121113

Priority
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Abstract (en)
[origin: EP2730551A1] Producing refractory material based on magnesia or magnesia spinel, comprises (a) providing a mixture comprising a first component made of magnesia or magnesia spinel and a second component comprising substances by which an aluminum nitride polytypoid-containing binder phase is formable, when acted with temperature, and (b) exposing the mixture to a temperature in which the second component forms the binder phase, and simultaneously applying pressure to the mixture. The first component exhibits an average grain size which is greater than average grain size of the second component. An independent claim is also included for the refractory material produced by the above method, comprising grains made of magnesia or magnesia spinel, and a binder phase which comprises aluminum nitride polytypoid, surrounding the grains.

IPC 8 full level
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